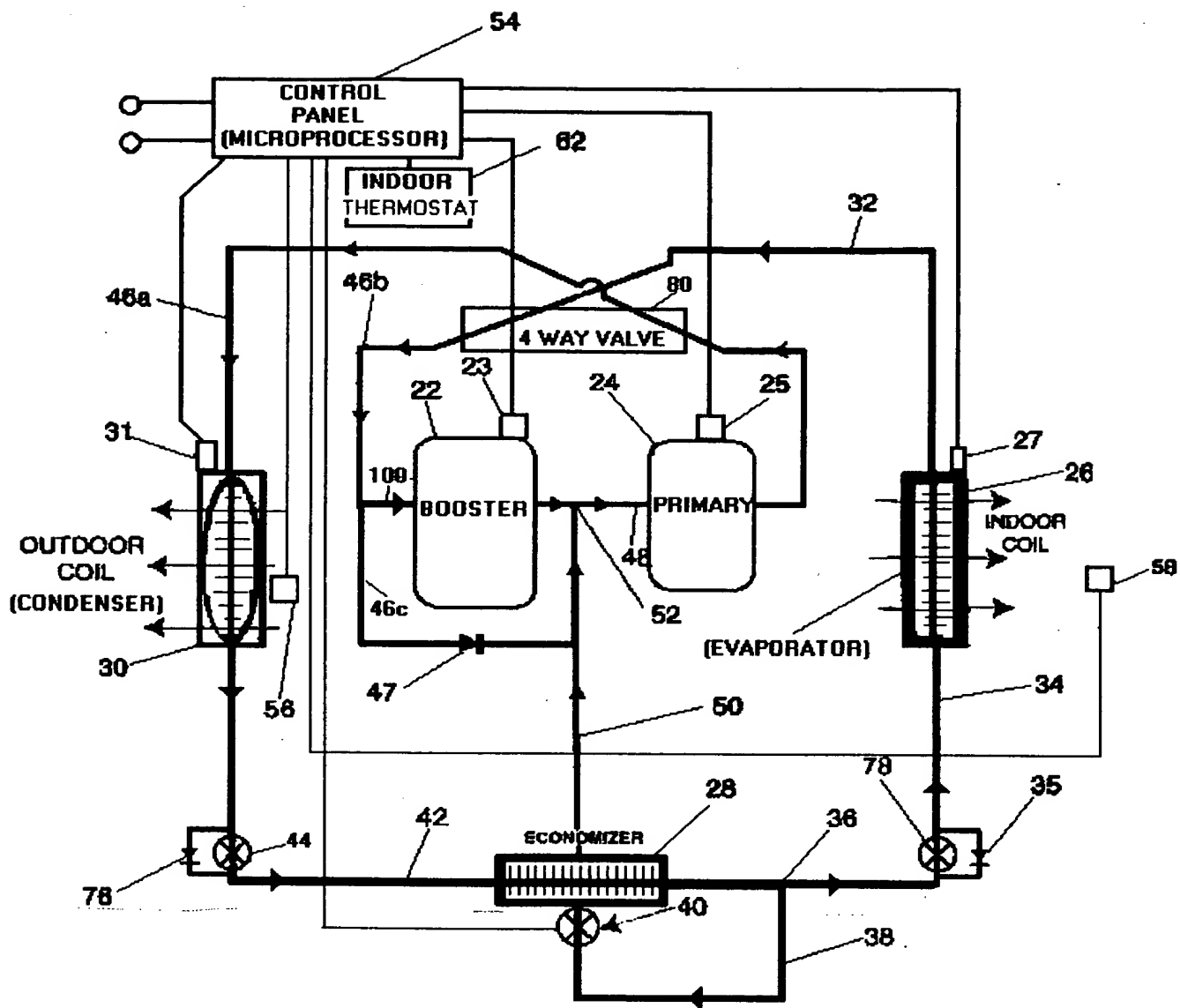


HEAT PUMP WITH BOOSTER COMPRESSOR
(HEATING FLOW PATH SHOWN)

FIGURE 1



HEAT PUMP WITH BOOSTER COMPRESSOR
(COOLING FLOW PATH SHOWN)

FIGURE 2

COMPRESSION MODULE FOR BOOSTED AIR SOURCE HEATING

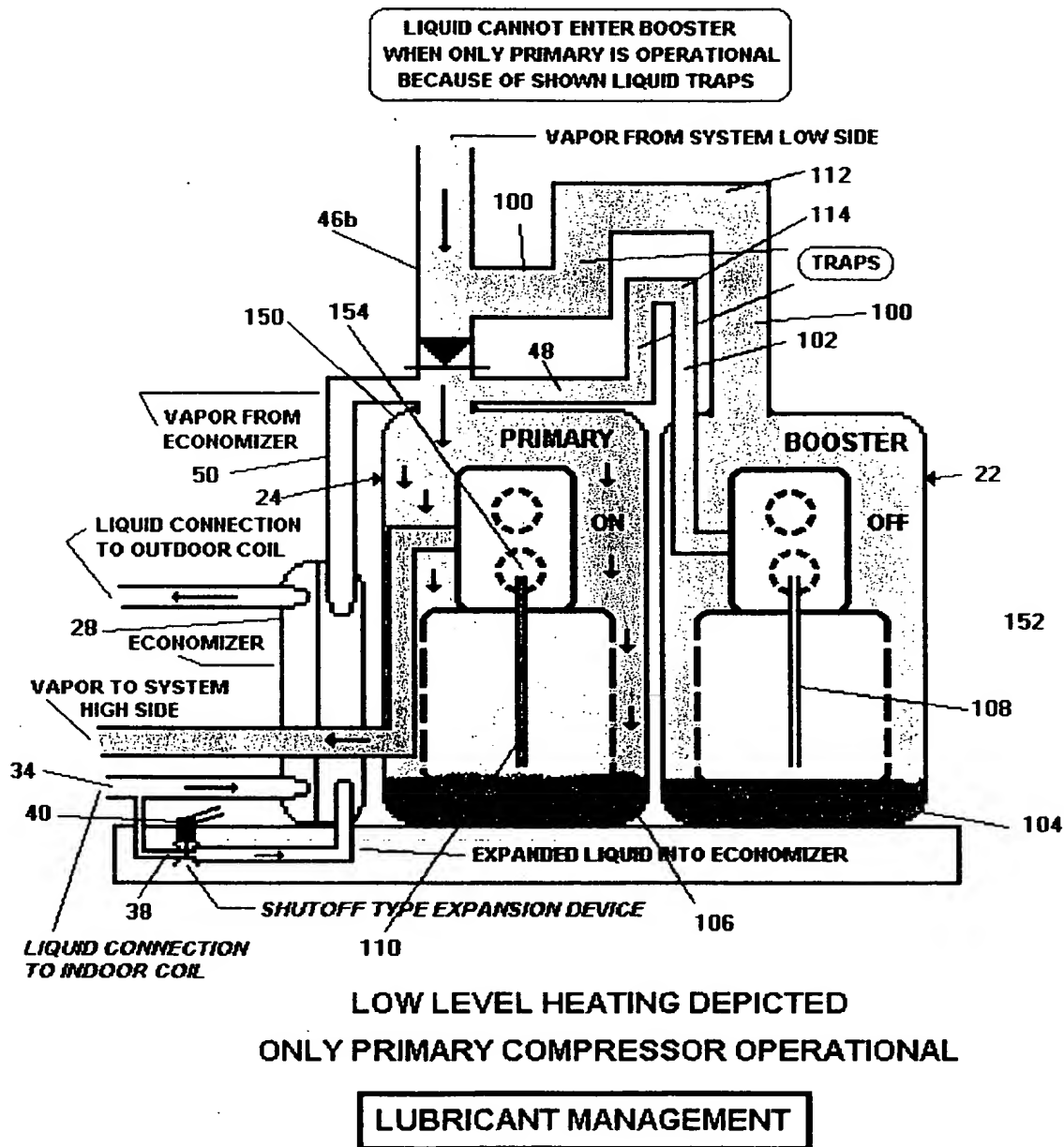


FIGURE 4

[illegible]

FIGURE 5

FIGURE 5

BSHP-30 HEATING CAPACITY, BTU'S PER HOUR

BSHP-30 COOLING CAPACITY, BTU'S PER HOUR

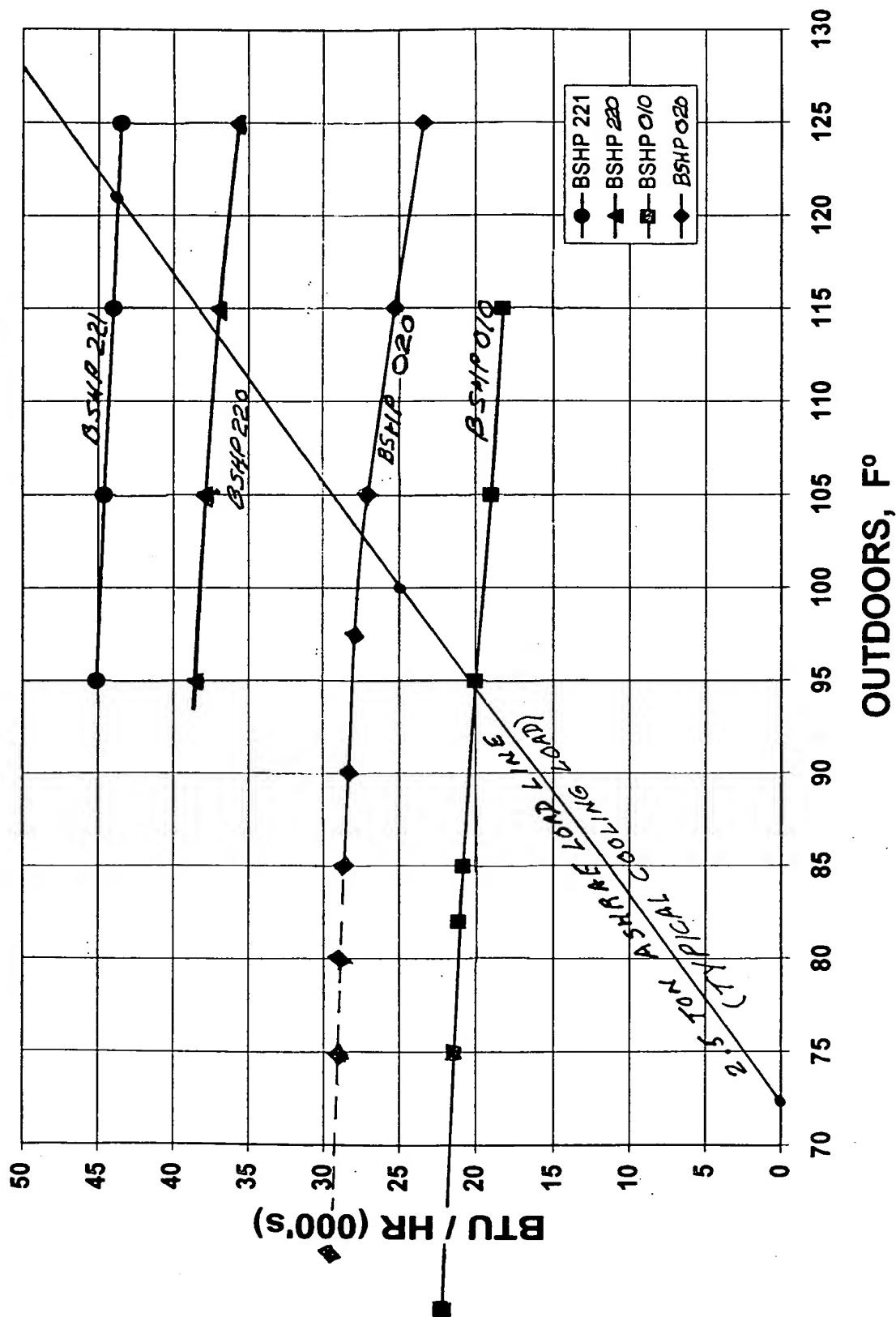


FIGURE 8

COOLING CONDITIONS

BOOSTED AIR SOURCE HEAT PUMP TYPICAL OPERATING SEQUENCE

THE CHART SHOWN BELOW SHOWS "TYPICALLY" ALLOWED CAPACITY STEP VARIOUS "TYPICAL" OUTDOOR AMBIENT TEMPERATURE RANGES.

ALL ALLOWED STEPS	ABOVE 105° TO 125°F	ABOVE 85° TO 105°F	60°F. TO 85°F
	(MANUAL)		
COMB. 2-2-1		NOT ALLOWED	NOT ALLOWED
		(MANUAL)	
COMB. 2-2-0			NOT ALLOWED
			(MANUAL)
COMB. 0-2-0			
COMB. 0-1-0	NOT ALLOWED		
OFF			

ONLY BLACKENED IN BOXES ARE ALLOWED FOR THE SHOWN TEMPERATURE RANGES.

0-1-0 MEANS 1 PRIMARY CYLINDER; 0-2-0 MEANS BOTH PRIMARY CYLINDERS; 2-2-0 MEANS 2 BOOSTER CYLS., 2 PRIMARY CYL. & NO ECONOMIZER; 2-2-1 ADDS THE ECONOMIZER.

(MANUAL) MEANS THAT THE OPERATING STEP SHOWN MUST BE CALLED MANUALLY FOR THE SHOWN OPERATING TEMPERATURE RANGE.

FIGURE 9